

FGFR4 Recombinant monoclonal antibody

Catalog Number: 85420-3-RR

Basic Information

Catalog Number: 85420-3-RR	GenBank Accession Number: BC011847	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 2264	CloneNo.: 242713H8
Isotype: IgG	UNIPROT ID: P22455	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: EG3510	Full Name: fibroblast growth factor receptor 4	
	Calculated MW: 88 kDa	
	Observed MW: 95 kDa, 110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : HepG2 cells,

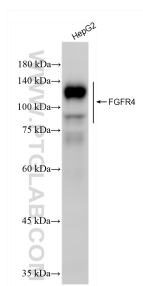
Background Information

Fibroblast growth factor receptor 4 (FGFR4) is a member of a highly conserved tyrosine kinase family, along with FGFR1-3. This family consists of an intracellular tyrosine kinase domain, a single transmembrane domain, and extracellular ligand-binding domains (PMID: 32492514). FGFR4 is the predominant FGFR isoform present in human hepatocytes. FGFR4 has been proposed to play a role in the observed induction of hepatocyte proliferation and carcinogenesis by FGF19; however, contradicting evidence proposing a protective role for FGFR4 in suppressing hepatoma progression has also been proposed (PMID: 20018895). While the role of FGFR4 in cancer remains to be fully elucidated, several findings suggest that this receptor may be an important player in Hepatocellular carcinoma (HCC) development and/or progression (PMID: 10336501).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85420-3-RR (FGFR4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.